Electronic Acknowledgement Receipt				
EFS ID:	2148357			
Application Number:	10814113			
International Application Number:				
Confirmation Number:	5163			
Title of Invention:	MULTIPLE ANTENNA SYSTEMS AND METHODS USING HIGH-THROUGHPUT SPACE-FREQUENCY BLOCK CODES			
First Named Inventor/Applicant Name:	Lei Shao			
Customer Number:	21186			
Filer:	Joseph P. Mehrle/Anne Richards			
Filer Authorized By:	Joseph P. Mehrle			
Attorney Docket Number:	884.B52US1			
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Time Stamp:	14:57:07			
Application Type:	Utility under 35 USC 111(a)			

# Payment information:

Submitted with Payment	no
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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1		b52commSIGNED.pdf	683279	yes	9
'			73aece4b630dd17b6f68449b55364187 28902d96		

	Multipart Description/PDF files in .zip description				
	Document Description	Start	End		
	Miscellaneous Incoming Letter	1	1		
	Post Allowance Communication - Incoming	2	3		
	Miscellaneous Incoming Letter	4	9		
Warnings:					
Information:					
Total Files Size (in bytes): 683279			83279		

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#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.